

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1.     **(Original)** A heat exchanger (1) having a number of flat tubes (2) which are arranged parallel to and at a distance from one another and via at least one end (8) can be fed with a fluid (F) via a collection manifold (6), the flat tubes (2) being arranged at least partially in a positively locking manner in the collection manifold (6).
2.     **(Original)** The heat exchanger as claimed in claim 1, in which an outer contour (10), which represents the end (8) of the respective flat tube (2), is at least partially matched to an internal contour (12) which represents the collection manifold (6).
3.     **(Original)** The heat exchanger as claimed in claim 1, in which an outer contour (10), which represents the end (8) of the respective flat tube (2), is at least partially matched to an external contour (10) which represents the collection manifold (6).
4.     **(Currently amended)** The heat exchanger as claimed in ~~one of claims 1 to 3~~ claim 1, in which the end (8) of at least one of the flat tubes (2) is provided with one or more openings (13).
5.     **(Currently amended)** The heat exchanger as claimed in ~~one of claims 1 to 4~~ claim 1, in which the end (8) of at least one of the flat tubes (2) has an open contour or opening.

6. **(Currently amended)** The heat exchanger as claimed in ~~one of claims 1 to 5~~ claim 1, in which the end (8) of at least one of the flat tubes (2) is provided with webs (20) on the outer side.
7. **(Currently amended)** The heat exchanger as claimed in ~~one of claims 1 to 6~~ claim 1, in which the end (8) of at least one of the flat tubes (2) is provided with a further, centrally arranged web (20).
8. **(Currently amended)** The heat exchanger as claimed in ~~one of claims 2 to 7~~ claim 2, in which the end (8) of the respective flat tube (2) is at least partially routed in a recess (14) which runs inside the internal contour (12).
9. **(Currently amended)** The heat exchanger as claimed in ~~one of claims 1 to 8~~ claim 1, in which the end (8) of the respective flat tube (2) is held in a positively locking manner at the collection manifold (6).
10. **(Currently amended)** The heat exchanger as claimed in claim 8 ~~[[or 9]]~~, in which the end (8) of the respective flat tube (2) is soldered along the recess (14) of the collection manifold (6).
11. **(Currently amended)** The heat exchanger as claimed in ~~one of claims 1 to 10~~ claim 1, in which the collection manifold (6) is provided with at least one cutout (24) or a recess (14) for one of the flat tubes (2) to pass through.
12. **(Original)** The heat exchanger as claimed in claim 11, in which the end (8) of the flat tube (2) in question is held cohesively at the cutout (24) of the collection manifold (6).
13. **(Currently amended)** The heat exchanger as claimed in ~~one of claims 1 to 12~~ claim 1, in which the collection manifold (6) is longitudinally and/or transversely divided into at least two regions (16).

14. **(Currently amended)** The heat exchanger as claimed in ~~one of claims 1 to 13~~ claim 1, in which the end (8) of at least one of the flat tubes (2) is provided with a slot (34) for receiving a partition wall (26).

15. **(Original)** The heat exchanger as claimed in claim 14, in which the partition wall (26) has a through-opening (32).

16. **(Currently amended)** The heat exchanger as claimed in ~~one of claims 1 to 15~~ claim 1, in which the flat tubes (2) open out into an associated collection manifold (6) at each of the end sides.

17. **(Original)** The heat exchanger as claimed in claim 16, in which the collection manifolds (6) arranged at the end sides of the flat tubes (2) are of identical design.

18. **(Currently amended)** The heat exchanger as claimed in ~~one of claims 1 to 17~~ claim 1, in which the flat tubes (2) arranged in a positively locking manner in the collection manifold (6) have differently designed ends (8).

19. **(Currently amended)** The heat exchanger as claimed in ~~one of claims 1 to 18~~ claim 1, in which at least one of the flat tubes (2) arranged in a positively locking manner in the collection manifold (6) is closed and acts as a partition wall.

20. **(Currently amended)** An air-conditioning system for a vehicle having a heat exchanger (1) as claimed in ~~one of claims 1 to 19~~ claim 1.